

Converting Colors

Hex(77BF64)

Have a look what the booklet for
Hex(77BF64) contains.

Hex(77BF64)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(77BF64)

Conversions

Conversions Part 1

Format	Color
Hex	77BF64
RGB	119, 191, 100
RGB Percent	47%, 75%, 39%
CMY	0.5333, 0.2510, 0.6078
CMYK	0.38, 0.00, 0.48, 0.25
HSL	107°, 42%, 57%
HSV	107°, 48%, 75%
XYZ	28.5388, 42.1036, 18.6793
YIQ	159.0980, -13.7010, -43.5650

Conversions

Conversions Part 2

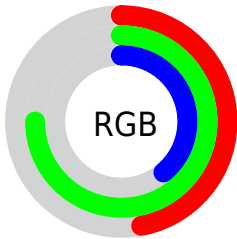
Format	Color
RYB	100, 191, 172
Decimal	7847780
CIELab	70.94, -39.94, 38.77
CIELCh	71, 55.662, 135.850
Yxy	42.1036, 0.3195, 0.4714
Android (android.graphics.Color)	4286037860 (0xFF77BF64)
YUV	159.0980, -29.1353, -35.1659
Hunter-Lab	64.8873, -35.0448, 28.3532

Details

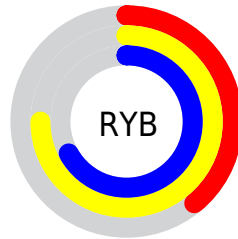
The Hex color **77BF64** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **AC64BF**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **AEF898**, and **418932** is the 20% darker color. If you saturate the color by 10%, you get **68BF51**, and if you desaturate by 10%, it is **86BF77**.

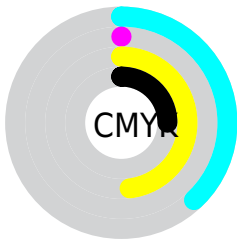
Distribution



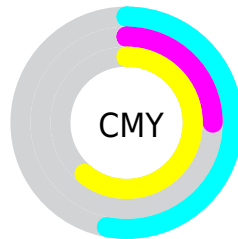
- Red (47%)
- Green (75%)
- Blue (39%)



- Red (39%)
- Yellow (75%)
- Blue (67%)



- Cyan (38%)
- Magenta (0%)
- Yellow (48%)
- Black (25%)



- Cyan (53%)
- Magenta (25%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77BF64 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 77BF64 by changing the saturation by 10% instead.

 77BF64

 77BF64

FFFFFF

 5CA44B

 AEF898

 418932

 CBFFB4

 246F19

 E8FFD0

 005600

 FFFFEC

 003E00

 002900

 000600

 000000

 77BF64

 77BF64

 68BF51

 86BF77

 59BF3E

 95BF8A

 4ABF2B

 A4BF9D

 3BBF18

 B3BFB0

 2BBF04

 C3BFC4

 28BF00

 D2BFD7

 E1BFEA

 F0BFFD

 FFBFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B1B347



77BF64



00C593

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77BF64



00BAFF



FF8295

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77BF64



AC64BF

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF85C8



77BF64



87A AFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77BF64



00C4F5



D395F5



FF8F67

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77BF64



00C7B6



D395F5



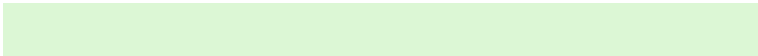
FF81A6

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77BF64



DCF7D5



BFAB64



6C7D68



FCFCFC



7D7D7D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77BF64



88F76A



64BF7E



575E55



219E00



061F00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



AC64BF



DA6AF7



BF64A5



5C555E



7D009E



18001F

Previews

White Background



This preview shows how the Hex color 77BF64 looks on a white background.

Color Contrast Check

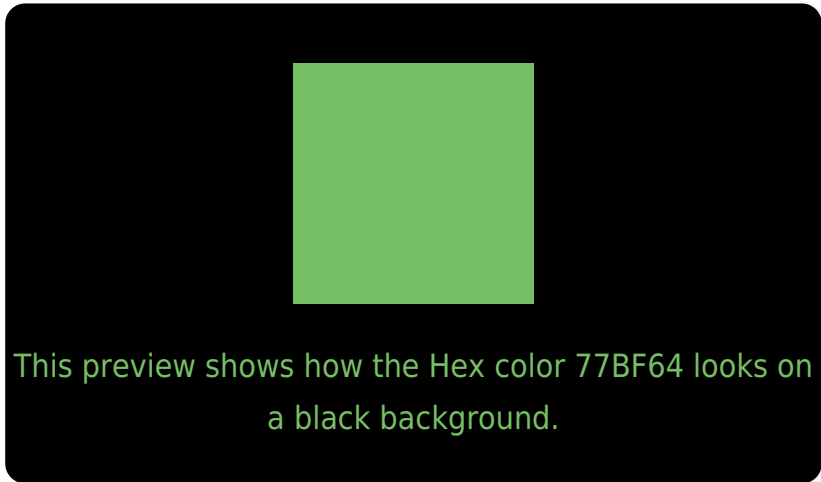
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 77BF64 Background



This preview shows how black text looks on a background with the Hex color 77BF64.

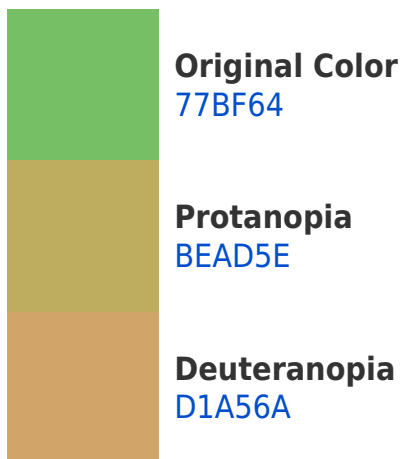


This preview shows how white text looks on a background with the Hex color 77BF64.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
88B4C3

Trichromacy



Original Color

77BF64



Protanomaly

A4B460



Deuteranomaly

B0AE68



Tritanomaly

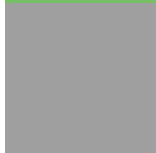
82B8A0

Monochromacy



Original Color

77BF64



Achromatopsia

9F9F9F



Achromatomaly

90AB8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 77BF64 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #77BF64 looks like.

```
.text, #text, p{  
    color:#77BF64  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #77BF64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77BF64
}
```

Border

The CSS property to change the border of an element to Hex 77BF64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77BF64 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#77BF64 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #77BF64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77BF64; -webkit-box-shadow:4px 4px  
4px 4px #77BF64; box-shadow:4px 4px 4px  
4px #77BF64 }
```

Background

The CSS property to change the background color of an element to Hex 77BF64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77BF64 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#77BF64 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor